

Abstract of the Disclosure

FUEL INJECTOR WITH NON-METALLIC TIP INSULATOR

5        A fuel injector is provided which has an  
injector body with a metallic tip having an outer  
surface. A non-metallic insulator, such as a ceramic,  
is attached to the tip and covers a portion of the  
outer surface. Injector tip overheating can be a  
problem, especially during sustained two-cycle boosted  
10      engine compression release braking. In addition,  
injector tip overheating can be a problem when an  
engine is experiencing simultaneous engine compression  
release braking and exhaust braking.